

REMARKS

By this amendment, claims 1, 2, 4-6, 8, 10 and 11 have been amended. Thus, claims 1-20 are now active in the application. Reexamination and reconsideration of the application is respectfully requested.

The specification and abstract have been carefully reviewed and revised to correct grammatical and idiomatic errors in order to aid the Examiner in further consideration of the application. The amendments to the specification and abstract are incorporated in the attached substitute specification and abstract. No new matter has been added.

In item 2 on page 2 of the Office Action, claims 1-20 were objected to for the inclusion of informalities. The claim language has been revised in order to improve its English grammar and U.S. form, and also to address each of the specific informalities noted by the Examiner.

In items 3 and 4 on pages 2 and 3 of the Office Action, claims 1-20 were rejected under 35 U.S.C. § 102(e) as being anticipated by Hirosawa (U.S. 6,199,429). This rejection is respectfully traversed in part and is believed clearly applicable to the claims as now presented, for the following reasons.

With exemplary reference to the drawings figures, claim 1 now sets forth an angular velocity sensor comprising: a vibrator 21; a case 30 receiving the vibrator 21; at least one terminal (e.g. 44-49) with a first end thereof connected with the vibrator 21; and a containing portion 43 containing the case 30 and having a second end of the at least one terminal (44-49) embedded therein, wherein the case 30 is supported within the containing portion 43 by the at least one terminal (44-49) so that the at least one terminal (44-49) is operable to attenuate external vibration transmitted to the vibrator 21.

In contrast to the present invention as recited in claim 1, in the Hirosawa patent, the case 4 is not supported within the containing portion 2 by the at least one terminal 9 so that the at least one terminal 9 is operable to attenuate external vibrations transmitted to the vibrator 1, as required by claim 1.

That is, in the vibrating gyroscope of the Hirosawa patent, the vibrator 1 is secured in the case 4 via the rubber vibration isolator 3, and the vibrator holding case 4 is attached to the wiring board 6 (column 12, lines 56-63). The wiring board 6, in which the terminals 9 are embedded is supported in the containing portion 2, but not by the terminals 9. Rather, the terminals 9 extend through recesses 26 of the containing portion 2 (see column 10, lines 43-48 and Fig. 19), and the wiring board 6 is supported in the containing portion 2 by the support columns 22 (see column 8, lines 56-65).

Therefore, although the Hirosawa vibrating gyroscope includes the rubber vibration isolator 3 for attenuating external shocks and vibrations transmitted to the vibrator 1 (column 6, lines 29-41), the Hirosawa vibrating gyroscope does not disclose or suggest the specifically required feature of the present invention that the case is supported within the containing portion by the at least one terminal so that the at least one terminal is operable to attenuate external vibrations transmitted to the vibrator.

Because of this clear distinction between the present invention of claim 1 and the Hirosawa patent, it is clear that the Hirosawa patent does not anticipate the angular velocity sensor of claim 1. Furthermore, the difference is such that there is no teaching or suggestion in the art of record that would have motivated a person of ordinary skill in the art to modify the Hirosawa arrangement or to make any combination of the references of record in such a manner as to result in otherwise render obvious the present invention of claim 1. Therefore, it is respectfully submitted the claim 1, as well as the claims depending therefrom, are clearly allowable over the prior art record.

In view of the foregoing amendments and remarks, it is respectfully submitted that the present application is clearly in condition for allowance. An early notice thereof is earnestly solicited.

If, after reviewing this Amendment, the Examiner feels there are any issues remaining which must be resolved before the application can be passed to issue, it is respectfully requested that the Examiner contact the undersigned by telephone in order to resolve such issues.

Respectfully submitted,

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